

Claims

1. A plunger intended for an inserter for an intrauterine device with a T-body, which the plunger has
 - a first end and a second end, and
 - a first dimension, which is the longitudinal direction of the plunger, and
 - the length of which plunger in its longitudinal direction is substantially larger than the diameter of the cross-section perpendicular to the longitudinal direction, and
- 5 10 - the cross-section of which plunger is substantially circular, and
 - through which plunger an opening has been arranged in its longitudinal direction so that the longitudinal axis of the opening is substantially the same as the longitudinal axis of the plunger, **characterised in that** the opening at the first end of the plunger is arranged to expand in a direction perpendicular to the direction of the longitudinal axis to form a tip portion, so that the tip portion has at least one surface, which along at least a portion of the length of the tip portion turns at least 35° in relation to a first plane in parallel with the longitudinal axis and at least 35° in relation to a plane at an angle in relation to the longitudinal axis.
- 15 20 25 30 2. A plunger according to claim 1, **characterised in that** said plane, which is at an angle to the direction of the longitudinal axis, is perpendicular to said direction of the longitudinal axis.
3. A plunger according to claim 1 or 2, **characterised in that** said at least one surface turns 90° in relation to the first plane and 90° in relation to the plane at an angle.
4. A plunger according to any previous claim, **characterised in that** the tip portion has two surfaces.
5. A plunger according to claim 4, **characterised in that** said two surfaces form a surface pair.
6. A plunger according to claim 5, **characterised in that** the surfaces forming the surface pair of said surface pair are mirror images of each other in relation to a second plane in parallel with the longitudinal axis, whereby this second plane is perpendicular to said first plane.

7. A plunger according to any previous claim, **characterised in** that it has in addition at least one surface, which is substantially in parallel with said first plane.

8. A plunger according to any previous claim, **characterised in** that the tip portion has four surfaces.

5 9. A plunger according to claim 8, **characterised in** that said four surfaces form two surface pairs, which are mirror images of each other in relation to said first plane in parallel with the longitudinal axis.

10 10. A plunger according to claim 9, **characterised in** that in at least one surface pair the surfaces forming the surface pair are mirror images of each other in relation to a second plane in parallel with the longitudinal axis, whereby the second plane is perpendicular to said first plane.

11. A plunger according to claim 9 or 10, **characterised in** that said surface pairs are connected with each other.